

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 77-40

NPDES PERMIT NO. CA0037940

AN ORDER AMENDING ORDER NO. 74-110 TO ADOPT  
AMENDED WASTE DISCHARGE REQUIREMENTS AND  
REVISED COMPLIANCE TIME SCHEDULE AND  
RESCINDING ORDER NO. 75-79 FOR:

CONTRA COSTA COUNTY SANITATION DISTRICT  
NO. 7-A, CONTRA COSTA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region  
(hereinafter called the Board) finds that:

1. The Board, on October 15, 1974, adopted Order No. 74-110 (NPDES Permit No. CA0037940) prescribing waste discharge requirements for Contra Costa County Sanitation District No. 7-A, hereinafter called the discharger.
2. The Board on November 18, 1975, adopted Order No. 75-79 prescribing amended waste discharge requirements and revised compliance time schedules for the discharger.
3. The discharger is a participant in the East/Central Contra Costa County Subregional Wastewater Management System scheduled for completion by March 1981.
4. Order Nos. 74-110 and 75-79 required the discharger to provide fifty (50) percent removal of BOD and suspended solids as an interim improvement prior to completion of the East/Central Contra Costa County Subregional Wastewater Management System. Because of delays in the grant procedure and in determination of viable treatment alternatives, the discharger has not constructed facilities to comply with this requirement.
5. Section 301(b) of the Federal Water Pollution Control Act Amendments of 1972 requires all publicly-owned treatment works to achieve effluent limitations based upon secondary treatment no later than July 1, 1977. Secondary treatment has been defined by the EPA Administrator in 40 CFR 133, dated July 26, 1976.
6. The Board intends to consider adoption of an Enforcement Order for Issuance of a Time Schedule for the discharger to insure timely compliance with secondary treatment requirements. The discharger anticipates being unable to meet the July 1, 1977 deadline because of delays beyond its control in development of the planned subregional system.

7. The State Water Resources Control Board on April 6, 1977 adopted Order No. WQ 77-7 containing a time schedule for completion of the East/Central Contra Costa County Wastewater Management System.
8. This project involves the continued operation of a publicly-owned facility to provide sewerage service with negligible or no expansion of use beyond that previously existing. Consequently, this project will not have a significant effect on the environment based upon the exemption provided in Section 15101, Title 14, California Administrative Code.
9. The Board has notified the discharger and interested agencies and persons of its intent to prescribe revised requirements.
10. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED THAT Order No. 75-79 is rescinded and Order No. 74-110 is amended as follows:

1. Effluent Limitation A.3. of Order No. 74-110 shall hereafter read:

"Effective immediately, the following requirements shall apply:

- a. Settleable matter:

The arithmetic mean of any six or more samples collected on any day	0.5 ml/l-hr, maximum
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80% of all individual samples collected during maximum daily flow over any 30-day period	1.0 ml/l-hr, maximum
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Any sample	1.0 ml/l-hr, maximum
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- b. The arithmetic mean of values for BOD and suspended solids in effluent samples collected in a period of thirty (30) consecutive days shall not exceed fifty (50) percent of the arithmetic mean of respective values for influent samples collected at approximately the same times during the same period (i.e. fifty (50) percent removal).
  - c. The total coliform bacteria for a median of five consecutive effluent samples shall not exceed 240 per 100 milliliters. Any single sample shall not exceed a most probable number (MPN) of 10,000 total coliform bacteria when verified by a repeat sample taken within 48 hours."
2. Discharge Prohibition D.1. of Order No. 74-110 shall hereafter read:

"Discharge at any point at which the wastewater does not receive an initial dilution of at least 10:1 is prohibited."

3. Discharge Prohibition D.3. of Order No. 74-110 shall hereafter read:

"The average dry weather flow shall not exceed 1.2 mgd. Average shall be determined over three consecutive months each year."

4. Discharge Prohibition D.4. of Order No. 74-110 shall hereafter read:

"Discharge of treated wastewater from the outfall channel to the adjacent marshland is prohibited."

5. Provision E.2.b. of Order No. 74-110 shall hereafter read:

"Compliance with Effluent Limitations A.1. (except A.1.e.), A.2., A.5., A.7; Receiving Water Limitations B.1.a., B.2.c. and B.1.c.; and Discharge Prohibitions D.1. and D.2.:

<u>Task</u>	<u>Compliance Date</u>	<u>Report of Compliance Date</u>
1. Demonstrate availability of local financing for construction of sub- regional system facilities	--	June 13, 1977
2. Full Compliance	July 1, 1977	July 15, 1977"

6. Provision E.2.c. of Order No. 74-110 shall hereafter read:

"Compliance with Effluent Limitations A.1.e. and A.3.b.:

<u>Task</u>	<u>Compliance Date</u>	<u>Report of Compliance Date</u>
1. Submit alternatives study for dechlorination and for improved BOD and suspended solids removal, to include cost- benefit analysis for various levels of removals	--	August 13, 1977
2. Start design of new facilities to implement improved solids removal and dechlorination processes	(*)	(*)

<u>Task</u>	<u>Compliance Date</u>	<u>Report of Compliance Date</u>
3. Complete design	(*)	(*)
4. Start construction of solids removal and dechlorination facilities	(*)	(*)
5. Status Report: 50% completion of construction	(*)	(*)
6. Complete construction	(*)	(*)
7. Full Compliance with A.3(b) and A.5. of this Order	(*)	(*)
8. Submit schedule of (*) dates for tasks #1 through #7 above	--	

September 15, 1977

The Board may consider amendment of Effluent Limitation A.3(b) to require less than 50% removal of BOD and suspended solids after review of the aforementioned cost-benefit study."

7. Provision E.5. of Order No. 74-110 shall hereafter read:

"The discharger shall review and update annually its contingency plan as required by Board Resolution No. 74-10. The discharge of pollutants in violation of this Order where the discharger has failed to develop and/or implement a contingency plan will be basis for considering such discharge a willfull and negligent violation of this Order pursuant to Section 13387 of the California Water Code."

8. Provision 10 of Order 74-110 shall hereafter read:

"This Order expires on August 1, 1981 and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements."

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on May 17, 1977.

FRED H. DIERKER  
Executive Officer